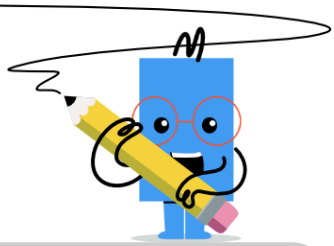
Name

Fraction Manipulation Algebra - Orientation 2



1 Solve the fraction for 'x' in terms of the variables and reduce.

$$4a = \frac{2x}{3c}$$

A $x = 6a \cdot c$

B $x = \frac{4a}{6c}$

C $x = \frac{4c}{6a}$

D $x = \frac{12a \cdot c}{2}$

E $x = \frac{c}{a}$

2 Solve the fraction for 'x' in terms of the variables and reduce.

$$2a = \frac{3x}{4c}$$

A $x = \frac{4c}{6a}$

B $x = \frac{8a \cdot c}{3}$

C $x = \frac{c}{24a}$

3 Solve the fraction for 'x' in terms of the variables and reduce.

$$3a = \frac{3x}{2b}$$

A $x = \frac{2b}{9a}$

B $x = \frac{3a}{6b}$

C $x = \frac{3a \cdot b}{6}$

D $x = 2a \cdot b$

E $x = \frac{3b}{6a}$

4 Solve the fraction for 'x' in terms of the variables and reduce.

$$4a = \frac{2x}{4c}$$

A $x = 8a \cdot c$

B $x = \frac{c}{a}$

C $x = \frac{4a \cdot c}{8}$

D $x = \frac{4a}{8c}$

E $x = \frac{4c}{8a}$

5 Solve the fraction for 'x' in terms of the variables and reduce.

$$2a = \frac{2x}{4b}$$

A $x = \frac{b}{a}$

B $x = \frac{2b}{8a}$

C $x = \frac{4a}{4b}$

D $x = 4a \cdot b$

6 Solve the fraction for 'x' in terms of the variables and reduce.

$$2a = \frac{2x}{3b}$$

A $x = \frac{2b}{6a}$

B $x = 3a \cdot b$

C $x = \frac{b}{12a}$

D $x = \frac{3b}{4a}$

7 Solve the fraction for 'x' in terms of the variables and reduce.

$$2a = \frac{3x}{2c}$$

A $x = \frac{2c}{6a}$

B $x = \frac{c}{a}$

C $x = \frac{2a}{6c}$

D $x = \frac{4a \cdot c}{3}$

8 Solve the fraction for 'x' in terms of the variables and reduce.

$$4a = \frac{2x}{2b}$$

A $x = \frac{4b}{4a}$

B $x = 4a \cdot b$

C $x = \frac{b}{a}$

D $x = \frac{2a}{8b}$